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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Chen, et al.

Serial No.: 10/700,328

Confirmation No.: Unknown

Filed: November 3, 2003

For: Precursor Delivery System  
with Rate Control

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Group Art Unit: Unknown

Examiner: Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being deposited on March <u>26</u> , 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
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INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

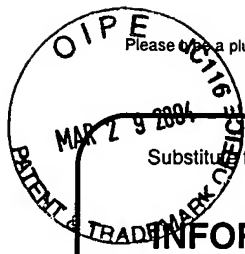


If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/5190/KMT.

Respectfully submitted,

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 8

Application Number	10/700,328
Filing Date	November 03, 2003
First Named Inventor	CHEN, et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	AMAT/5190/CPI/COPPER/PJS
Submission Date	March 25, 2004

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-6660126 B2	12/09/2003	NGUYEN, ET AL.	
	A2	US-6630030 B1	10/07/2003	SUNTOLA, ET AL.	
	A3	US-6579372 B2	06/17/2003	PARK	
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	A5	US-6572705 B1	06/03/2003	SUNTOLA, ET AL.	
	A6	US-6551406 B1	04/22/2003	KILPI	
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	A8	US-6481945 B1	11/19/2002	HASPER, ET AL.	
	A9	US-6478872 B1	11/12/2002	CHAE, ET AL.	
	A10	US-6447607 B2	09/10/2002	SOININEN, ET AL.	
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	A14	US-6231672 B1	05/15/2001	CHOI, ET AL.	
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 02/45871 A1	06/13/2002	ANGSTRON SYSTEMS, INC.		
	B2	WO 02/08488 A1	01/31/2002	ASM MICROCHEMISTRY OY		
	B3	WO 01/36702 A1	05/25/2001	GENITECH CO., LTD.		
	B4	WO 01/17692 A1	03/15/2001	ASM AMERICA, INC.		
	B5	WO 00/79575 A1	12/28/2000	GENITECH, INC.		
	B6	WO 0079576 A1	12/28/2000	GENITECH, INC.		

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		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-6174377 B1	01/16/2001	DOERING, ET AL.	
	A2	US-6162488	12/19/2000	GEVELBER, ET AL.	
	A3	US-6143080	11/07/2000	BARTHOLOMEW, ET AL.	
	A4	US-6139700	10/31/2000	KANG, ET AL.	
	A5	US-6139640	10/31/2000	RAMOS, ET AL.	
	A6	US-6136725	10/24/2000	LOAN, ET AL.	
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	A9	US-5968588	10/19/1999	SIVARAMAKRISHNAN, ET AL.	
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	A11	US-5942089	08/24/1999	SPROUL, ET AL.	
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	A14	US-5855680	01/05/1999	SOININEN, ET AL.	
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	A18	US-5796116	08/18/1998	NAKATTA, ET AL.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 00/54320	09/14/2000	GENUS, INC.		
	B2	WO 99/65064	12/16/1999	A.S.M. INTERNATIONAL N.V.		
	B3	WO 99/01595	01/14/1999	NESTE OY		
	B4	WO 96/17107	06/06/1996	MIKROKEMIA OY		
	B5	JP 58-98917	06/13/1983			

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				First Named Inventor	CHEN, et al.
				Group Art Unit	Unknown
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				Attorney Docket Number	AMAT/5190/CPI/COPPER/PJS
Sheet	3	of	8	Submission Date	March 25, 2004

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		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-5764849	06/09/1998	ATWELL	
	A2	US-5730802	03/24/1998	ISHIZUMI, ET AL.	
	A3	US-5711811	01/27/1998	SUNTOLA, ET AL.	
	A4	US-5674786	10/07/1997	TURNER, ET AL.	
	A5	US-5645642	07/08/1997	NISHIZATO, ET AL.	
	A6	US-5630878	05/20/1997	MIYAMOTO, ET AL.	
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	A8	US-5595603	01/21/1997	KLINEDINST, ET AL.	
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	A10	US-5496408	03/05/1996	MOTODA, ET AL.	
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	A12	US-5480818	01/02/1996	MATSUMOTO, ET AL.	
	A13	US-5443647	08/22/1995	AUCOIN, ET AL.	
	A14	US-5441703	08/15/1995	JURGENSEN	
	A15	US-5374570	12/20/1994	NASU, ET AL.	
	A16	US-5354516	10/11/1994	TOMITA	
	A17	US-5338362	08/16/1994	IMAHASHI	
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	B1	JP 2001020075 (Abstract Only)	11/15/2000	ASM MICROCHMISTRY OY		
	B2	JP 2000319772 (Abstract Only)	03/28/2000	P K LTD		
	B3	JP 2000212752	11/12/2002	SAMSUNG ELECTRONICS CO LTD		
	B4	JP 2000122725	04/28/2000			
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	A1	US-5281274	01/25/1994	YODER	
	A2	US-5261959	11/16/1993	GASWORTH	
	A3	US-5225366	07/06/1993	YODER	
	A4	US-5098741	03/24/1992	NOLET, ET AL.	
	A5	US-4993357	02/19/1991	SCHOLZ	
	A6	US-4975252	12/04/1990	NISHIZAWA, ET AL.	
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	A8	US-4834831	05/30/1989	NISHIZAWA, ET AL.	
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	A11	US-4413022	11/11/1983	SUNTOLA, ET AL.	
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	A13	US-4369031	01/18/1983	GOLDMAN, ET AL.	
	A14	US-4276243	06/30/1981	PARTUS	
	A15	US-4058430	11/15/1977	SUNTOLA, ET AL.	
	A16	US-20040015300 A1	01/22/2004	GANGULI, ET AL.	
	A17	US-20040014320 A1	01/22/2004	CHEN, ET AL.	
	A18	US-20040013577 A1	01/22/2004	GANGULI, ET AL.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	JP 06-224138 (Abstract Only)	05/31/1994	TEXAS INSTRUMENTS INC (US)		
	B2	JP 05-270997 (Abstract Only)	10/19/1993	FUJITSU LTD		
	B3	JP 05-206036 (Abstract Only)	08/13/1993	RIKAGAKU KENKYUSHO		
	B4	JP 05-047666 (Abstract Only)	02/26/1993	FUJITSU LTD		
	B5	JP 04-291916 (Abstract Only)	09/23/1992	KOKUSAI ELECTRIC CO LTD		

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	A1	US-20040011504 A1	01/22/2004	KU, ET AL.	
	A2	US-20040011404 A1	01/22/2004	KU, ET AL.	
	A3	US-20030224107 A1	12/04/2003	LINDFORS, ET AL.	
	A4	US-20030221780 A1	12/04/2003	LEI, ET AL.	
	A5	US-20030216981 A1	11/20/2003	TILLMAN	
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	A9	US-20030172872 A1	09/18/2003	THAKUR, ET AL.	
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	A11	US-20030143747 A1	07/31/2003	BONDESTAM, ET AL.	
	A12	US-20030143328 A1	07/31/2003	CHEN, ET AL.	
	A13	US-20030140854 A1	07/31/2003	KILPI	
	A14	US-20030121608 A1	07/31/2003	CHEN, ET AL.	
	A15	US-20030121469 A1	07/03/2003	LINDFORS, ET AL.	
	A16	US-20030121241 A1	07/03/2003	BELKE	
	A17	US-20030116087 A1	06/26/2003	NGUYEN, ET AL.	
	A18	US-20030113187 A1	06/19/2003	LEI, ET AL.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	JP 01-175225	07/11/1989			
	B2	EP 1 167 569 A1	06/05/2001	IPS LIMITED		
	B3					
	B4					
	B5					

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/700,328
				Filing Date	November 03, 2003
				First Named Inventor	CHEN, et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	AMAT/5190/CPI/COPPER/PJS
Sheet	6	of	8	Submission Date	March 25, 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-20030106490 A1	06/12/2003	JALLEPALLY, ET AL.	
	A2	US-20030010451 A1	01/16/2003	TZU, ET AL.	
	A3	US-20030101927 A1	06/05/2003	RAAIJMAKERS	
	A4	US-20030089308 A1	05/15/2003	RAAIJMAKERS	
	A5	US-20030079686 A1	05/01/2003	CHEN, ET AL.	
	A6	US-20030075925 A1	04/24/2003	LINDFORS, ET AL.	
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**FOREIGN PATENT DOCUMENTS**

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STATEMENT BY APPLICANT**

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Sheet 7

of 8

Application Number	10/700,328
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First Named Inventor	CHEN, et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	AMAT/5190/CPI/COPPER/PJS
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	A1	US-20020121342 A1	09/05/2002	NGUYEN, ET AL.	
	A2	US-20020108570 A1	08/15/2002	LINDOFRS	
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